ESTIMATED MANURE APPLICATION RATES

SCENARIO # 3 Description:

Crop				Yield	
Corn Grain	0-100	101-125	126-150	151-175	176-200
Corn Silage	0-17	18-21	22-25	26-29	30-33
Small Grains	0-30	31-40	41-50	51-60	61-80
Grass Forage	0-2	2-3	3-4	4-5	5-6
Enter the amount o	of fertilizer N, and	l P2O5 per acre	that will be app	lied regardless of	manure
application	Ν	P2O5			
Fertilizer		1205	lb/A		
Check the previous	s legume crop and	1 stand or yield	combination that	t best describes yo	our
situation Previous Crop		Stand/	Yield		
Alfalfa	<25%	25-50 %	>50 %		
Clover/Trefoil	<25%	25-50 %	>50 %		
Soybeans	0-20 bu/A	21-40 bu/A	>40 bu/A		
Check the manure	rate category that	t is closest to yo	ur typical manu	re rate for this fiel	<u>d</u>
Typical Rate Ex	kamples for Each	Category	•••		
	<u>Dairy</u>		Swine	Poultry	
1 Low>	15 ton/A or 600	0 gal/A	5000 gal/A	3 ton/A	
2 Medium>	25 ton/A or 900	00 gal/A	7500 gal/A	5 ton/A	
3 High>	35 ton/A or 120	00 gal/A	10000 gal/A	7 ton/A	
Check the manure	application frequ	ency that is typi	cal for the field	s where this manu	re will be spread
1 Rare	None or rarel	y receives man	ure		
2 Frequent	Receives manure 4 to 8 out of 10 years				
3 Continuous	Receives man	nure greater that	n 8 out of 10		
Check the planned	spreading season	(select only on	<u>e)</u>		
Winter	Spring	Summer	Fall		



Phytase used

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MANURE ANALYSIS PROGRAM

This program is appropriate for animal manure or other similar organic agricultural waste products. See enclosed sheet for sampling information and instructions

		Send additional copy of analysis to:		
Name				
Address		Name		
City		Address		
StateZip		City StateZip		
Telephone:		Email:		
Fax:		Hard copy report required: If email		
Email:		addresses are listed, the lab will automatically email all lab results. Check this box if you require a hard copy lab report.		
Sample Identification:				
STANDARD ANALYSIS REQUE	STED:	INDIVIDUAL OR ADDITIONAL ANALYSES		
· ·		REQUESTED:		
Manure Test 1: Percent solids,	total nitrogen,	pH\$10.00		
phosphorus, potassium, ammon		Percent Solids\$12.00		
Monue Test 2. Demont colida	total nitua aan	Ash (volatile solids) \$12.00		
Manure Test 2: Percent solids, t phosphorus, potassium, ammoni		Nitrate Nitrogen (NO ₃ -N)\$20.00		
calcium, magnesium, sulfur, sod		-		
zinc, manganese, iron, aluminur	m \$50.00	Ammonium Nitrogen\$20.00		
Total Cost \$		Carbon\$18.00		
Please submit check with sample to co	ver cost of analyses	Calcium Carbonate Equivalence (CCE) \$27.00		
Make check payable to: <i>The Pennsylv</i>	•	*Phosphorus Source Coefficient (PSC)\$32.00		
Make check payable to: The Pennsylv	ania siale University	Email results (in addition to hard copy)\$1.00		
		Other (please contact lab)\$		
		*if submitted for Manure Test 1 or 2, PSC cost is \$20.00		
Check Type of Material Below:		Check Storage/handling System Below:		
Fresh Manure Composted M	Ianure Other	Uncovered Earthen Storage-Bottom Loaded		
Animal Ty	pe	Uncovered Earthen Storage-Top Loaded		
Dairy Cattle	Swine:	Covered Storage-Bottom Loaded		
Poultry (Layers)	Farrow to wean	Covered Storage-Top Loaded		
Poultry (Broilers)	Farrow to feeder	Above Ground Storage-Bottom Loaded		
Turkeys	Wean to finish	Above Ground Storage-Top Loaded		
Beef Cattle	Grow-finish	Bedded Pack or Litter		
Other	Other	Fresh-No Storage		
If phytase was used in feed, check here	<u>e:</u>	Other		

ESTIMATED MANURE APPLICATION RATES

ESTIMATED MANURE APPLICATION RATES

SCENARIO #1 Description: _____ Check the one crop and vield combination that best describes your situation -----Yield---------Crop--Corn Grain 0-100 101-125 126-150 151-175 176-200 Corn Silage 0-17 18-21 22-25 26-29 30-33 Small Grains 0-30 31-40 41-50 51-60 61-80 Grass Forage 0-2 2-3 3-4 4-5 5-6 Enter the amount of fertilizer N, and P2O5 per acre that will be applied regardless of manure application Ν P₂O₅ lb/A Fertilizer sit Check the previous legume crop and stand or yield combination that best describes your --situation --Previous Crop-------Stand/Yield------Alfalfa <25% 25-50 % >50 % Clover/Trefoil <25% 25-50 % >50 % Soybeans 0-20 bu/A 21-40 bu/A >40 bu/A Check the manure rate category that is closest to your typical manure rate for this field Typical Rate Examples for Each Category Swine Dairy Poultry 1 Low ---> 15 ton/A or 6000 gal/A 5000 gal/A 3 ton/A 2 Medium --> 25 ton/A or 9000 gal/A 7500 gal/A 5 ton/A 3 High ----> 35 ton/A or 12000 gal/A 10000 gal/A 7 ton/A Check the manure application frequency that is typical for the fields where this manure will be spread 1 Rare None or rarely receives manure 2 Frequent Receives manure 4 to 8 out of 10 years 3 Continuous Receives manure greater than 8 out of 10 Check the planned spreading season (select only one) Winter Spring Summer Fall

SCENARIO # 2 Description:

Check the one crop and yield combination that best describes your

situation Crop		Yield					
Corn Grain	0-100	101-125	126-150	151-175	176-200		
Corn Silage	0-17	18-21	22-25	26-29	30-33		
Small Grains	0-30	31-40	41-50	51-60	61-80		
Grass Forage	0-2	2-3	3-4	4-5	5-6		

Enter the amount of fertilizer N, and P2O5 per acre that will be applied regardless of manure application

	Ν	P2O5	
Fertilizer			lb/A

Check the previous legume crop and stand or yield combination that best describes your

-Previous Crop	Stand/Yield			
Alfalfa	<25%	25-50 %	>50 %	
Clover/Trefoil	<25%	25-50 %	>50 %	
Soybeans	0-20 bu/A	21-40 bu/A	>40 bu/A	

Check the manure rate category that is closest to your typical manure rate for this field

Typical Rate Examples for Each Category					
	Dairy	<u>Swine</u>	Poultry		
1 Low>	15 ton/A or 6000 gal/A	5000 gal/A	3 ton/A		
2 Medium>	25 ton/A or 9000 gal/A	7500 gal/A	5 ton/A		
3 High>	35 ton/A or 12000 gal/A	10000 gal/A	7 ton/A		

Check the manure application frequency that is typical for the fields where this manure will be spread

1 Rare	None or rarely receives manure
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2 Frequent	Receives manure 4 to 8 out of 10 years	
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3 Continuous Receives manure greater than 8 out of 10

Check the planned spreading season (select only one)

